EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	171	370/203,208-210.ccls. and MIMO.bsum. and spatial with multiplex$	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:06
L3	283	370/328,334,337,338.ccls. and MIMO.bsum. and spatial with multiplex$	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:06
L2	32	MIMo same (OFDm$2 or channel) and spatial near3 (multiplex$4 or process$4) same (vector$4 or eigen$5) and spatial near3 (multiplex$4 or process$4) same (cod$4 or modulat$4 or decod$4 or crosstalk or interference with (cancel$ or reduce) or channel with matrix or MMSE) and 375/260-267.ccls. and @AD<="20031023"	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:06
L1	20	spatial with (multiplex$ or process$4) same (steer$ or vector or beamform$4) same MIMO and 375/260-267.ccls. and @AD<="20031023"	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:06
L7	139	L5 or L6	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:07
L6	121	spatial with (multiplex$ or process$4) same (steer$ or vector or beamform$4) same MIMO and 370/328,334,337-338.ccls.	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:07
L5	21	spatial with (multiplex$) same (steer$ or vector or beamform $4) same MIMO and 370/208-210.ccls.	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:07

L8	61	MIMo same (OFDm$2 or channel) and spatial near3 (multiplex$4 or process$4) same (vector$4 or eigen$5) and spatial near3 (multiplex$4 or process$4) same (cod$4 or modulat$4 or decod$4 or crosstalk or interference with (cancel$ or reduce) or channel with matrix or MMSE) and 375/345,347-348.ccls.	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:08
L13	29	spatial multiplex$ with (steer$ or vector) and (L9 or L10 or L11 or L12 or qualcomm.as.)	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:09
L12	393	((STEVEN) near2 (HOWARD)).INV.	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:09
L11	317	((MARK) near2 (WALLACE)).INV.	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:09
L10	193	((JOHN) near2 (KETCHUM)).INV.	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:09
L9	204	((J) near2 (WALTON)).INV.	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:09
L14	914	spatial with (multiplex$ or process$4) same (steer$ or vector or beamform$4) same MIMO	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:10
L19	3	370/203.ccls. and l14 and @AD<="20030630"	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:12
L18	5	370/208-210.ccls. and l14 and @AD<="20030630"	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:12
L17	4	370/328,334,337,338.ccls. and l14 and @AD<="20030630"	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:12
L21	13	l14 and 375/299,345,347-348.ccls. and @AD<="20031023"	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:13
L20	20	l14 and 375/260-267.ccls. and @AD<="20031023"	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:13

L23	638	MIMo same (OFDm$2 or channel) and spatial near3 (multiplex$4 or process$4) same (vector$4 or eigen$5) and spatial near3 (multiplex$4 or process$4) same (cod$4 or modulat$4 or decod$4 or crosstalk or interference with (cancel$ or reduce) or channel with matrix or MMSE)	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:15
L24	7	("20050135284" | "20050135295" | "20050135318" | "20060104340" | "6631121" | "6768727" | "6891858").PN.	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:16
L26	18	("20020072336" | "20020127978" | "20040052228" | "20050227628" | "20080285488" | "20080285669" | "20100183088" | "20100260060" | "5832387" | "6163296" | "6862440" | "6987849" | "7012978" | "7095709" | "7298805" | "7324429" | "7636573" | "7653415").PN.	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:17
L25	18	("20010017881" | "20030045288" | "20030076812" | "20040005887" | "20040071107" | "20050099974" | "20060153237" | "20070274278" | "20100142636" | "4736371" | "5493712" | "6275543" | "6515617" | "6574267" | "6636496" | "6757263" | "6952454" | "7194237").PN.	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:17

| L28 | 219 | ("20010031621" \| "20010046205" \| "20020018310" \| "20020018453" \| "20020041632" \| "20020044591" \| "20020057659" \| "20020080735" \| "20020085620" \| "20020085641" \| "20020098872" \| "20020105928" \| "20020115473" \| "20020122381" \| "20020122393" \| "20020147953" \| "20020154705" \| "20020181390" \| "20020183010" \| "20020193146" \| "20020196842" \| "20030002450" \| "20030048856" \| "20030078024" \| "20030095197" \| "20030099306" \| "20030112745" \| "20030119452" \| "20030123389" \| "20030125040" \| "20030139194" \| "20030139196" \| "20030153360" \| "20030157954" \| "20030162519" \| "20030202492" \| "20030202612" \| "20030206558" \| "20030235149" \| "20030235255" \| "20040037257" \| "20040042556" \| "20040047292" \| "20040082356" \| "20040085939" \| "20040087324" \| "20040156328" \| "20040176097" \| "20040179627" \| "20040198276" \| "20050047384" \| "20050111599" \| "20050120097" \| "20050128953" \| "20050208959" \| | US-PGPUB; USPAT | ADJ | ON | 2012/01/30 14:18 |

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L27	26	("20020003774" | "20020064214" | "20020184453" | "20020191535" | "20030012308" | "20030128656" | "20040071104" | "20040160987" | "20040203853" | "5818813" | "5973638" | "6097771" | "6115354" | "6141542" | "6317612" | "6345036" | "6492942" | "6545997" | "6597682" | "6728233" | "6785513" | "6990059" | "6992972" | "7009931" | "7068628" | "7492737").PN.	US- PGPUB; USPAT	ADJ	ON	2012/01/30 14:18
L29	7	("6802035" | "6850498" | "6937592").PN. or ("7218684" | "7317750").PN. or ("7233625").PN. or ("6351499").PN.	US- PGPUB; USPAT	ADJ	ON	2012/01/30 14:19
L30	13	(l29 or l27 or l26 or l25 or l24) and l14	US- PGPUB; USPAT	ADJ	ON	2012/01/30 14:20

L31	5307	spatial with (multiplex$ or process$4) same (steer$ or vector or beamform$4)	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:21
L33	47	(l28) and l31	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:22
L32	20	(l29 or l27 or l26 or l25 or l24) and l31	US-PGPUB; USPAT	ADJ	ON	2012/01/30 14:22

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L16	25	spatial (multiplex$) same (steer$ or vector or beamform $4) same MIMO same (cod$3 or modulat$) same estimat$4 with (channel or symbol or streams or data)	US-PGPUB; USPAT; UPAD	ADJ	ON	2012/01/30 14:11
L15	33	spatial with (multiplex$) same (steer$ or vector or beamform$4) same MIMO same (cod$3 or modulat$) same estimat$4 with (channel or symbol or streams or data)	US-PGPUB; USPAT; UPAD	ADJ	ON	2012/01/30 14:11
L22	11	spatial near2 (multiplex$) same (steer$ or vector or beamform$4) same MIMO same (non-steer$)	US-PGPUB; USPAT; UPAD	ADJ	ON	2012/01/30 14:14

1/30/2012 2:24:53 PM
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